

Title (en)

APPARATUS FOR THE PRODUCTION OF HOT AIR AND DOMESTICAL HOT WATER

Publication

**EP 0172087 B1 19871007 (FR)**

Application

**EP 85401512 A 19850722**

Priority

FR 8411816 A 19840725

Abstract (en)

[origin: US4640458A] The present invention relates to a method and an apparatus for producing hot air and hot water for the supply of sanitary fittings, the apparatus comprising on the one hand, a central portion reserved for the sanitary water containing a reheating exchanger and a pre-exchanger associated with a cold-water intake circuit, and, on the other hand, a casing completely surrounding the central portion and defining therewith an annular space containing an exchanger for heating the blown air by counterflow heat-exchange with the products of combustion issued from a burner.

IPC 1-7

**F24H 6/00**

IPC 8 full level

**F24H 6/00** (2006.01); **F24H 8/00** (2006.01)

CPC (source: EP US)

**F24H 6/00** (2013.01 - EP US); **F24H 8/00** (2013.01 - EP US); **Y02B 30/00** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0172087 A1 19860219**; **EP 0172087 B1 19871007**; AT E30190 T1 19871015; CA 1239841 A 19880802; DE 172087 T1 19860612; DE 3560759 D1 19871112; FR 2568354 A1 19860131; FR 2568354 B1 19861226; US 4640458 A 19870203

DOCDB simple family (application)

**EP 85401512 A 19850722**; AT 85401512 T 19850722; CA 487124 A 19850719; DE 3560759 T 19850722; DE 85401512 T 19850722; FR 8411816 A 19840725; US 75631285 A 19850718